Backup c:\*.* _ a:

Restore a:\*.* — c:\wordperf.

GROCERY
DAIRY
Bumble Bee Chunk Lt   2/1.00   Breakstone
Wh Butt   8 OZ   .79

Bertoli Ex Lt Olive Oil   1.99   Extra Lg Eggs
        .99

El Pico 10 Oz Bag   1.59   Polly
O Ricotta 15 oz   1.29

Goya Corn Oil Gal   3.99   Royal Diary
Am Sing 12 oz   1.09

Old Vienna Gef Fish 27 oz   2..49   "   "
Cream Ch 8 oz   2/1.00

Light Fluffy Egg Nood 12 oz   .69   "   "
O J   1.09

Parade A J 64 oz   1.19

Parade Pea/Corn/Beans   3/1.09   FROZEN

Oreos/Double Stuf 20 oz   2.29   Birds Eye Intl Veg 10
oz   1.09

San Giorgio Ziti 1 lb box 2/.99   Cara Mia Artichoke
Hearts   1.49

Non-Food   (T/S) (FS/S) (SALE)   Kemps Ice
Cream 1/2 gal   1.99

Budweiser 12 pk cans   5.99
Seviroli Tortellini 16 oz   1.69

Ajax Dish Liquid 22 oz   1.09
Weisht Watchers Cakes ass.   1.49

Parade Paper Towels   2/.89   W R
Broccoli Spears   .59

Reynolds Wrap 25 ft   .69

Scott Bath Tissue   2 /1.09
TAX GROC (T/S) (SALE)

Miller Beer 7 oz   2..49
7 Up 2 L   1.09

Sunny D 64 oz   1.09

8↑

E 4 6 →

2↓

SPACE +/ A 2

JUMP PUNCH KICK

AHZ HOLD

1	60	32	56	24
2	45	32	64	16
3	25	32	66	17

	w	cd	dst	dwn
L1	60	16	49	31
L2	45	16	56	24
L3	25	16	63	17
L4	60	32	56	

31

35
37 3

33
34 4

38
36 5

40 6

42 7

	R_0 X	Y
R_0	0.355	.295
Y	.267	.195
V	.176	.285

$\frac{1}{500}$

D/V

	Flago	P_0	O_1
FT	2.7	5.9	4.8
		5.4	5.4
		3.5	9.8
		2.7	X
		1	X

		P_0	O_1
F_1	14.7	46	21
		29.4	30
		26	69
		14.7	X
		10	X

T_1

S_0 8.8 S_1 23.8

12.5 60

L_2 S_0 6.0 19.5

6.2 27.1

alex Szyzpone

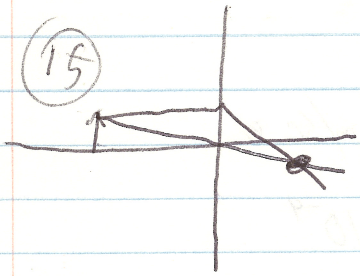
19C ① $250 \times 1.3 = 325$ m/sec
② $3 \times 10^7 \times 10 = 3 \times 10^8$ m/sec
X ③ $4,8 \times .06 = .288$ m/sec 28.8 cm/sec
④ Period λ = 3,472
⑤ Freq = ~~5~~ $1,5 \times 109$, pd = 1.5×10^{-4}

20 ⑨ Attached to WALL
⑩ reflected pulse erect from A, inverted from B -
At A it splits.
⑪ At A splits. Goes backward inverted, forward erect.
Bounces back inverted @ B.
⑬ A = right medium is heavier. (more rigid)
B = right medium is lighter. (less rigid)
C = right medium is much ~~heavier~~ lighter
D = right medium is much heavier

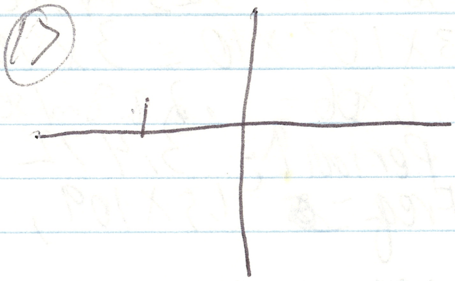
21 24 Reflection, Diffraction, refraction

25 Law of reflection: Angle of incidence = Angle of reflection (measured from normal)
26 Diffraction: The bending of a wave around an obstacle,
~~Ba~~ If two obstacles, nodal lines occur.
28 When source is approaching, freq. goes up. When leaving, freq goes ↓.
24 ① 53° ② 06° ②

㉙ ⑮



⑰



Physics Hw

④ ② $E = \frac{4 \times 10^{-3} N}{8 \times 10^{-5} coul} = 50 N/C$ ④ $15 N/coul = \frac{x}{8 \times 10^{-5}}$ $F = 10^{-3} N$

⑤ ① 800 N/C · .5m = 400V   ② 2000 N/C · .03 = 60V

④ 200 N/C · .008m = 25000V

⑦ ⑩ 120v x .5A   ⑪ 90v x 2A

⑭ 120V/75W   ⑮ 60v x 2A   5 mins

⑯ 24v · 4A   10 mins

⑧ ⑰ 90V/30Ω = 3A   ⑲ 120V/.5Ω = 240A

⑳ 4A · 30Ω = 120V   ㉑ 4A/30Ω = .13V

㉒ 4A · 60Ω = 24V

ME ⑨ ㉖ 120V ÷ 15Ω = 8a   960 watt · 30 sec = 28800 Joules

.24 x 28800 = 6912 cal

㉘ 220V ÷ 11Ω = 20a   4400 watt · 30 sec = 132000 Joules

.24 x 132000 = 31680 cal

㉙ 500 watts · 1800 sec = 900000 Joules   216000 cal

㉚ 100 watts · 60 = 6000 · .24 = 1440

80 watt · 60 = 4800 J · .24 = 1152 cal/min

5 #11 ⑨ $R_1 = 3\Omega$ $R_2 = 5\Omega$ $R_3 = 4\Omega$ $E = 12V$

$R_T = 12\Omega$ ⑩ $I_T = \frac{12}{12} = 1A$ $V_1 = 3V$ $V_2 = 5V$ $V_3 = 4V$ $V_T = 12V$

⑩ $R_1 = 2 = 3 = 4 = 6\Omega$ $I = 1.6A$

$R_T = 24$ $V_T = 38.4V$ $V_{EACH} = 9.6V$

⑫ $R_1 = 40\Omega$ $R_2 = ?\Omega$ $E = 120$

$I = 2A$ $V_1 = 80$ $V_2 = 40$ $R = \frac{40}{2} = 20\Omega$ $I = 5A$ $\frac{40}{5} = 8\Omega$

4/20

⑭ ① .04 N/(2A)(.1M) = .2 N/Am
② (.4 N/AM)(8A)(.5m) = 1.6 N